

# **ABSTRACT**

A method for preparing a human or animal tissue by applying a compressive force to a stack of sheets of living tissue thereby inducing adjacent layers to fuse or adhere to each other.

- 5 The force is applied in direction normal to the surface of the tissue. A multi-layer tissue produced by the method described above can also possess at least two different types of sheets and/or consist essentially of between two and twelve sheets of living tissue. The method can also be used to prepare a planar
- 10 tissue that can further be incorporated in a multi-layer tissue construct. The methods and tissues described herein are useful for the preparation of engineered tissues.